

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Peter Graham Craven, et al.

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Title: Matrix Improvements to Lossless  
Encoding and Decoding

Examiner: Jean B. Jeanglaude

Art Unit: 2819

August 18, 2003  
San Francisco, California

Commissioner of Patents  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Preliminary to the examination of this application, please amend the application as shown on the following pages.